Wireless Music Station

WAS700

User manual

Manuel d'utilisation

Manual del usuario

Benutzerhandbuch

PHILIPS

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Important notes for users in the U.K.

Mains plug

This apparatus is fitted with an approved 13 Amp plug. To change a fuse in this type of plug proceed as follows:

1. Remove fuse cover and fuse.
2. Fix new fuse which should be a BS1362 5 Amp, A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.
If the mains plug contains a fuse, this should have a value of 5 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 Amp.

Note: The severed plug must be disposed of to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

How to connect a plug

The wires in the mains lead are coloured with the following code: blue = neutral (N), brown = live (L).

- As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:0
  – Connect the blue wire to the terminal marked N or coloured black.
  – Connect the brown wire to the terminal marked L or coloured red.
  – Do not connect either wire to the earth terminal in the plug, marked E (or ⏚) or coloured green (or green and yellow).

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Copyright in the U.K.

Recording and playback of material may require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

Norge

Typeskilt finnes på apparatens underside.

Observer: Nettbryteren er sekundert innkoplet. Den innebygde netdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettkontakten.

For å redusere faren for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.

CE 0682 ! R&TTE Directive 1999/5/EC

BE ✓	DK ✓	GR ✓	ES ✓	FR ✓
IE ✓	IT ✓	LU ✓	NL ✓	AT ✓
PT ✓	FI ✓	SE ✓	UK ✓	NO ✓
DE ✓	CH ✓	PL ✓	HU ✓	SK ✓
CZ ✓				

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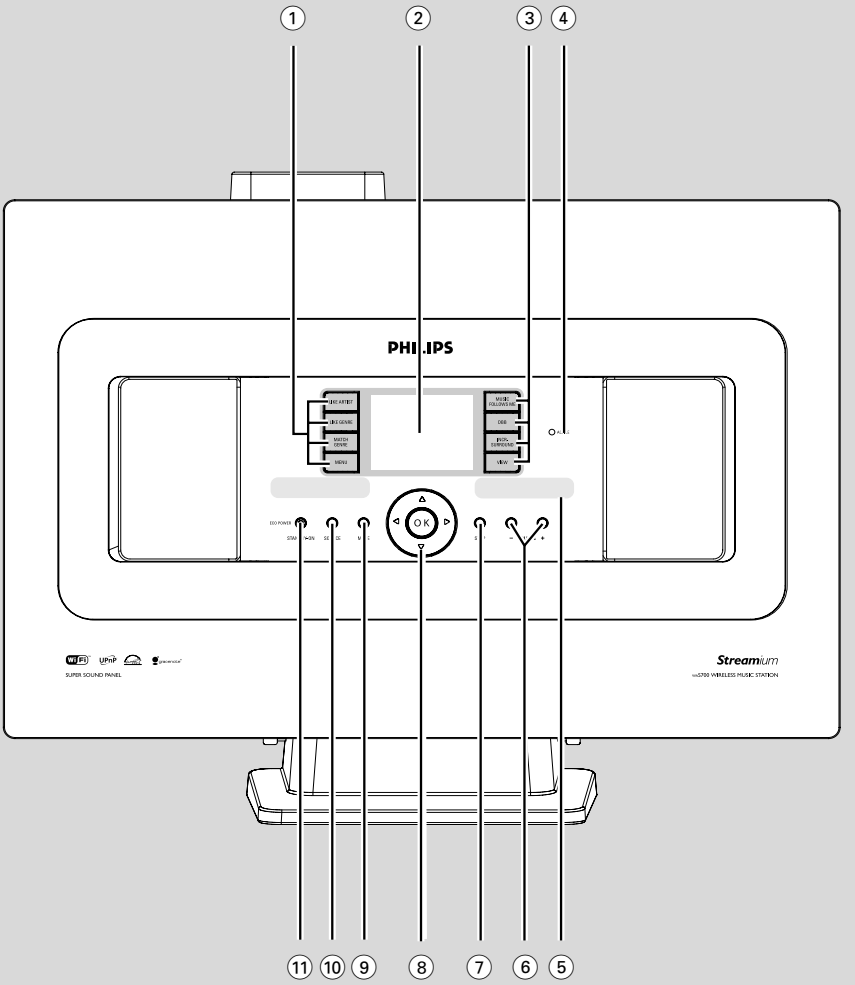

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Philips Consumer Electronics

HK- 0528-WAS700
(report No.)

EC DECLARATION OF CONFORMITY

We,

Philips Consumer Electronics
(manufacturer's name)

Philips, Glaslaan 2, 5616 JB Eindhoven, The Netherlands
(manufacturer's address)

declare under our responsibility that the electrical product:

Philips	WAS700 /22/25/05
(name)	*(type or model)*

Wireless Music Station
(product description)

to which this declaration relates is in conformity with the following standards:

EN55013 : 2001	EN 300 328 : 2003
EN55020 : 2002	EN 301 489-1 : 2002
EN 55022: 1998	EN 301 489-17: 2002
EN 55024: 1998	EN 50371 : 2002
EN 60065: 1998	

(title and/or number and date of issue of the standards)

following the provisions of R &TTE Directive 1999/5/EC (incl. 89/336/EEC & 73/23/EEC & 93/68/EEC directives and is produced by a manufacturing organization on ISO 9000 level.

Eindhoven,	Cor Luijks
July 14, 2005	Technology Manager
(place, date)	*(signature, name and function)*

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English
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About Wireless Music Station WAS700

Up to 5 **WAS700** Stations can be connected to a **WAC700** Center.

On **WAC700**'s hard disk, you can centrally store audio CDs. All the stored music can be wirelessly streamed, via Wi-Fi**, from Center to connected Stations.

No need to be bound to your CD player or PC etc., or be troubled by the wiring. Now, you will have the freedom to enjoy and share your favorite music around your home.

** Wi-Fi, or IEEE802.11 b/g, is the international leading industry standard for wireless broadband networking. It transfers digital data with wider range and bandwidth.

Supplied accessories

- Station's remote control with 1 x CR2025 battery
- 1 x FM wire antenna
- 1 x Mounting kit

This set complies with the radio interference requirements of the European Community.

Hereby Philips Consumer Electronics, BG Audio Video Entertainment, declares that this product WAS700 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

CAUTION
Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

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General Information

Philips on-line support

Philips products have been designed and manufactured to the highest quality standards. If your Philips Connected Planet product is not working correctly, we recommend you check your User Manual to verify that your product is properly connected and configured.

The web site for Connected Planet support: **www.philips.com/support** offers you all information you need to optimally enjoy your product, and about new additions to this exciting range, to make your home entertainment experience even more enjoyable.

Please visit: **www.philips.com/support** and enter your product name (**WAS700**) to view:

- **FAQ** (Frequently Asked Questions)
- Latest user manuals and PC software manuals
- Firmware upgrade files for **WAS700**
- Latest PC software downloads
- Interactive troubleshooting

Since it is possible for you to upgrade your product, we recommend that you register your product on **www.philips.com/register** so we can inform you as soon as new free upgrades become available.

Enjoy your **WAS700**!

The model number is on the rear of the set.

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Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Disposal of your old product

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC

Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

Maintenance

Cleaning the Set

- Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives. Do not press the speakers hard..

Safety information

- Place the set on a flat, hard and stable surface.
- Do not expose the system, batteries or discs to excessive moisture, rain, sand or heat sources caused by heating equipment or direct sunlight.
- Place the sets in a location with adequate ventilation to prevent internal heat build-up in your system. Allow at least 10 cm (4 inches) clearance from the rear and the top of the unit and 5 cm (2 inches) from each side.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers table-cloths, curtains, etc.
- The apparatus shall not be exposed to dripping or splashing.
- No objects filled with liquids, such as vases, shall be placed on the apparatus.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.

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Controls *(illustrations on page 3)*

Controls on the Station *(front panel)*

① **SAME ARTIST**
– ***HD:*** plays all the tracks of current artist

SAME GENRE
– ***HD:*** plays all the tracks of current genre

SMART EQUALIZER
– ***HD:*** selects match sound setting for current genre

MENU
– enters or exits setup menu

② **Display**
– shows status of Station

③ **MUSIC FOLLOWS ME**
– ***HD:*** moves music playback between Center and Station or between Station and Station

DBB (Dynamic **B**ass **B**oost**)**
– turns the bass enhancement on (**DBB1, DBB2, DBB3**) or off

INCR. SURROUND
– selects surround sound effect

VIEW
– toggles playback display and previous option list

④ **ACTIVE**
– ***HD/AUX:*** lights up green when streaming is activated between Center and Station (after you have switched on Station)

⑤ **IR**
– sensor for the infrared remote control
Helpful hints: *Always point the remote control towards this sensor.*

⑥ **VOLUME -, +**
– adjusts the volume level

⑦ **STOP**
– stops playback

⑧ **◄ / ► / ▲ / ▼**
– navigation controls (left, right, up, down) to scroll through the option list

◄
– ***HD:*** returns to previous option lists
– **Radio:** enters the list of preset stations

▲ / ▼
– ***HD:*** skips/searches tracks/passage backward/ forward (in playback screen); fast scrolls the option list
– ***Radio:*** tunes to radio stations

► / OK
– confirms selection

OK
– ***HD:*** starts or pauses playback

⑨ **MUTE**
– switches the sound off temporarily

⑩ **SOURCE**
– selects sound source **HD**, **Radio** or **AUX**
– **In standby mode:** switches Station on and selects sound source **HD**, **Radio** or **AUX**

⑪ **STANDBY-ON/ ECO POWER**
– press briefly to switch Station on or to standby mode;
– press and hold to switch Station to Eco Power mode or on

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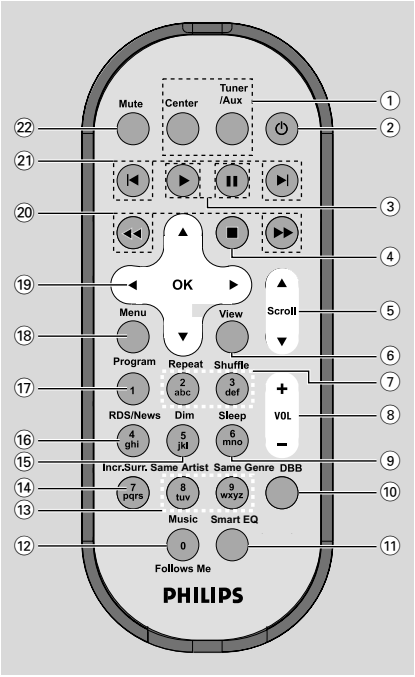
Station's remote control



① **Source buttons**

Center

– selects **HD** source (located on Center)
– **In standby mode:** switches the set on and selects **HD** source (located on Center)

Tuner/Aux

– selects **Radio** source or the audio input from an additional connected appliance
– **In standby mode:** switches the set on and selects **Radio** source or the audio input from an additional connected appliance

② ⏻

– press briefly to switch the set to standby mode
– press and hold to switch the set to Eco Power mode or on

③ ▶

– ***HD:*** starts playback

II

– ***HD:*** pauses playback

④ ■

– stops playback

⑤ **▲ / ▼ Scroll**

– scroll the display screen upward or downward

⑥ **View**

– toggles playback display and previous option list

⑦ **Repeat**

– selects continuous playback

Shuffle

– selects random playback

⑧ **VOL +, -**

– adjusts the volume level

⑨ **Sleep**

– ajusts/displays/switches off sleep timer

⑩ **DBB**(**D**ynamic **B**ass **B**oost)

– turns the bass enhancement on (**DBB1, DBB2**, **DBB3**) or off

⑪ **Smart EQ**

– ***HD:*** selects match sound setting for current genre

⑫ **Music Follows Me**

– ***HD:*** moves music playback between Center and Station or between Station and Station

⑬ **Same Artist**

– ***HD:*** plays all the tracks of current Artist

Same Genre

– ***HD:*** plays all the tracks of current Genre

⑭ **Incr. Surr.**

– selects surround sound effect

⑮ **Dim**

– changes the brightness of display illumination

⑯ **RDS/NEWS**

– ***Radio:*** selects RDS information
– ***HD/AUX:*** turns NEWS function on or off

⑰ **Program**

– manually programs preset radio stations

⑱ **Menu**

– enters or exits setup menu

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Controls

⑲ ◄ / ► / ▲ / ▼

– navigation controls (left, right, up, down) to scroll through the option list

◄

– ***HD:*** returns to previous option lists
– ***Radio:*** enters the list of preset stations

▲ / ▼

– ***HD:*** skips/searches tracks/passage backward/forward (in playback screen); fast scrolls the option list
– ***Radio:*** tunes to radio stations

► / OK

– confirms selection

⑳ **◄◄ / ►►**

– ***HD:*** searches track passage backward/forward (in playback screen)

㉑ |◄, ►|

– ***HD:*** skips tracks backward/forward (in playback screen)

㉒ **MUTE**

– switches the sound off temporarily

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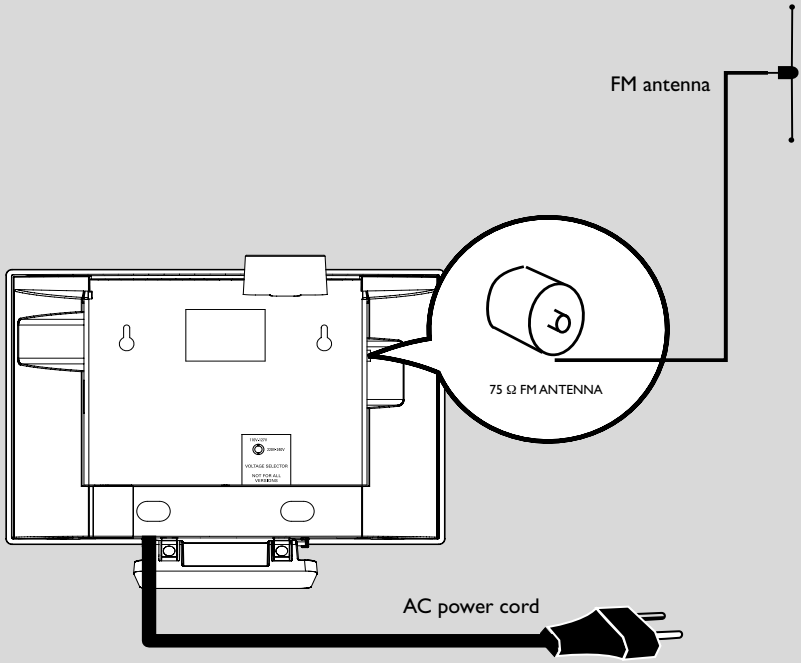

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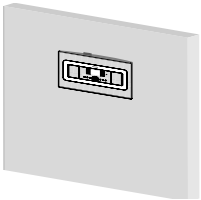
Installation

Placing Station

With the detachable stand and by-packed wall mounting kit, WAS700 Station allows you to place it in two ways: **on desktops with stands** or **on walls without stands**.

(on desktops with stands)

or



(on walls without stands)

See ***Appendix: How to mount your Station onto walls*** to learn more about wall mounting

IMPORTANT!

– Before you decide where and how to place your Station, try the following rear connections and Wi-Fi connection to find a suitable location.

– Keep your Station away from the source of interference (microwave ovens, DECT phones, bluetooth devices, cordless phones, other Wi-Fi products, etc.)

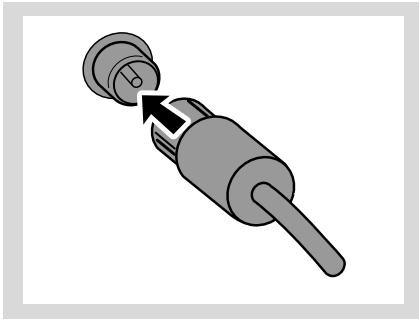
Rear connections

Warning:

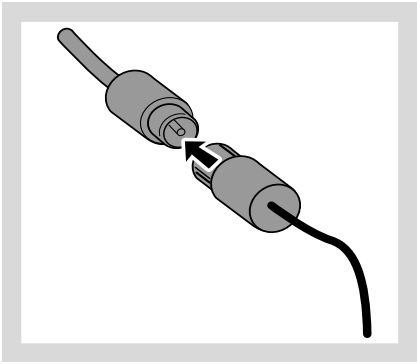
Never make or change connections with the mains supply switched on.

Ⓐ Antenna Connection

❶ Extend the wire antenna and fit it to **FM ANTENNA** as shown below.



❷ To improve FM reception, fit the plug of the wire antenna, as shown, into the plug of the extension line.



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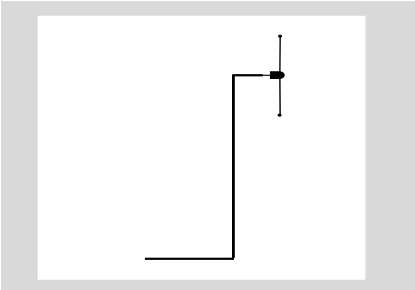
3 Extend the extension line and move it in different positions for optimal reception (as far away as possible from the TV, VCR or other radiation sources).

4 Fix the extension line's end to the ceiling.

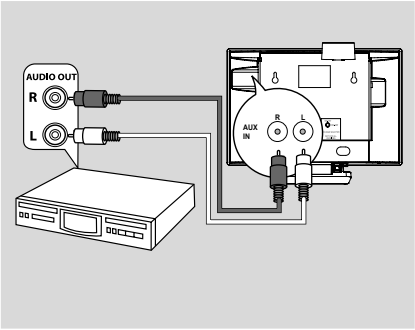


Ⓑ **Connecting an additional appliance**

It is possible to use an additional appliance, e.g. TV, VCR, Laser Disc player, DVD player or CD recorder, with the Station.

1 Insert the red plug of the red/white audio cables (not supplied) to the red socket **AUX IN R** and the white plug to the white socket **AUX IN L**.

2 Connect the other end of the audio cables to the **AUDIO OUT** terminals of the additional appliance.



Helpful hints:

– If the connected device has only a single audio out terminal, connect it to the AUX IN left terminal. Alternatively, you can use a "single to double" cinch cable, but the output sound still remain mono.

– Always refer to the owner's manual of other equipment for complete connection.

Using AC power

1 Make sure all the connections have been made before switching on the power supply.

2 Connect the AC power cord to the wall socket. This switches on the power supply.

When Station is switched to standby, it is still consuming some power. ***To disconnect the system from the power supply completely, remove the power plug from the wall socket.***

The type plate is located on the rear of the set.

For users in the U.K.: please follow the instructions on page 2.

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Setting up Wi-Fi connection between Center and Station

You can add a station to an existing Wi-Fi network of Center and Station. Up to 5 WAS700 stations can be connected to a WAC700 Center.

On Center

1. Switch on WAC700 Center and select **HD** source
2. To select **Add New Station** on Center
   a. Press **MENU**
   b. Use the navigation controls ▲ or ▼ and ▶ to enter **Station Mgnt** menu
   c. In **Station Mgnt** menu, use the navigation controls ▲ or ▼ and ▶ to select
   ➜ You will enter the **Installation Mode**. Searching for the new station start
   ➜ Playback stops on the previously associated Station if you are playing the HD source

On Station

3. Connect the new station to power supply
4. Select your desired language: **English**, **Français**, **Español**, **Nederlands**, ***Italiano*** and ***Deutsch***
   ➜ The set enters Installation Mode
   ➜ The search for Center starts.

On Center

5. Press **STOP/** ■ on the Center when all the stations are found

IMPORTANT!

– Avoid thick walls. Your Center and Station should never be blocked by 2 or more walls.
– Avoid placing the sets close to large metal objects.
– Adjust the location of your Center and Station according to the reception status of Wi-Fi signals.
– indicates maximum reception
– indicates minmum reception
– WACS700 do not support range expander devices

If there is interference from neighborhood, such as the pause during playback, the sets' slow response to your operation

– Keep the Center or Station at least 3 meters away from microwave ovens, DECT phones, bluetooth devices (e.g. headphones, a computer mouse), wireless access points (e.g. routers), cordless phones, Wi-Fi compatible printers and PDAs, etc..
– Use the WEP key when connecting your Center and Station to an existing wireless PC network. See the manual* ***Connect to your PC***
– Change the operating channel of your Center and Station when connecting them to an existing wireless PC network. To learn about how to change channels, see the manual ***Connect to your PC***
– If possible, change the operating channels of the other Wi-Fi devices at your home.
– Turn the above devices in different directions to minimize interference.

*** stands for Wired Equivalent Privacy. It is a security protocol for wireless local area network**

Deleting a station

1. Switch on WAC700 Center and select **HD** source
2. To select **Delete Station** on Center
   a. Press **MENU**.
   b. Use the navigation controls ▲ or ▼ and ▶ to enter **Station Mgnt** menu
   c. In **Station Mgnt** menu, use the navigation controls ▲ or ▼ and ▶ to select
   ➜ On the Center's display shows the list of connected stations
3. Press ▲ or ▼ and ▶ to select the station you wish to delete
4. Press ▲ or ▼ and ▶ to select **Yes**

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Using the remote control

WAS700 is equipped with a remote control. You can use it to operate both Center and Station.

IMPORTANT!

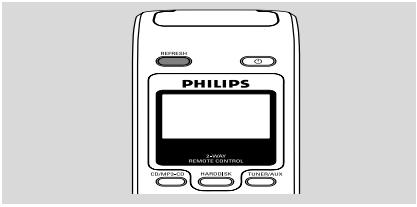
– Remove the protective plastic tab before using the Station's remote control.

– Always point the remote control directly towards IR area on the Center or Station you wish to operate.

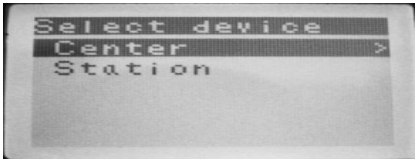
Using Center's remote control

By default, Center's remote control works with Center only. To operate Station using Center's remote control,

1. Press and hold **REFRESH** until the select screen appears on the display of Center's remote control.



2. Press the navigation controls ▲ or ▼ and ▶ to select **Station**



On Center's remote control:

➜ Display shows current status of Station after Station is connected

➜ You can use Center's remote control to operate Station now

Helpful hints:

– To operate Center using the remote control again, repeat the above steps 1-2 to select Center.

IMPORTANT!

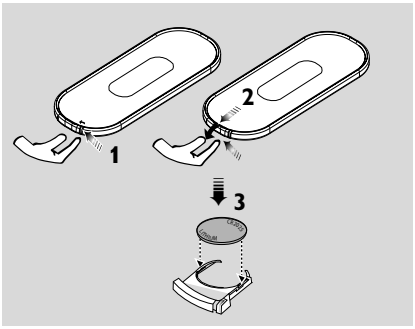
– Center's remote control will return to its default setting (works with Center only) when you insert new batteries into it.

– Avoid placing your Center or Station close to the plasma TV. It may resuit in improper display on your Center's remote control.

– Some functional keys on Center's remote control are exclusively used for Center (for example, CD/MP3-CD, MARK/UNMARK, MUSIC BROADCAST etc.)

To replace the remote controls' battery

1. Press and hold ◀ as indicated.
2. Simultaneously, pull the battery tray at ▼.
3. Remove the old battery and put a new CR2025 battery in place.
4. Put back the battery tray.



CAUTION!

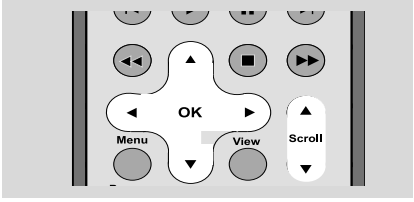
– Remove the battery if it is exhausted or will not be used for a long time.

– Batteries contain chemical substances, so they should be disposed of properly.

Using the navigation controls

When selecting options on the set's screen, you often need to use the navigation controls ◀ / ▶ / ▲ / ▼.

1. Press ▲ / ▼ to highlight an option.
2. Enter its submenu by pressing ▶.
3. Press ◀ to return to the previous option list screen.
4. Press **OK** or ▶ to confirm



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Basic functions

Switching to standby/on and selecting functions

1. When the set is on, press **STANDBY-ON/ ECO POWER** to switch it to standby (or ⏻ on the remote control)
   ➜ The screen dims out. Display shows **Center Status** screen and the number of centers found
   ➜ The **Center Status** screen is empty if no center is found
2. To switch on, press **STANDBY-ON/ ECO POWER** on the set
   ➜ The set switches to the last source selected.

   OR
   On the remote control, press the source button (e.g. **Tuner/Aux, Center**).
3. To select your function, press **SOURCE** once or more on the set (or **Center**, **Tuner/Aux** on the remote control)

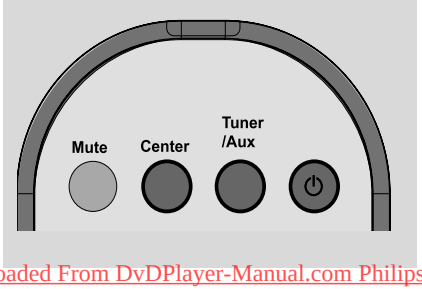
Switching to Eco power/ on

In the power-saving Eco power mode, the set's display and Wi-Fi connection are turned off.

1. When the set is on, press and hold **STANDBY-ON/ ECO POWER** to switch it to Eco power (or ⏻ on the remote control).
   ➜ The display is switched off.
2. To switch on, press and hold **STANDBY-ON/ ECO POWER** (or ⏻ on the remote control) or press and hold **SOURCE** on the set
   ➜ The set switches to the last source selected.

Helpful hints:

– In the standby/Eco power mode, the settings of networking, sound, display, language and CD recording, the tuner presets, and the volume level (maximum: the moderate level) will be retained in the set's memory.



Auto-standby

- When the set has reached the end of playback/ recording and remains in the stop position for more than 5 minutes, the set will switch to standby automatically to save power.

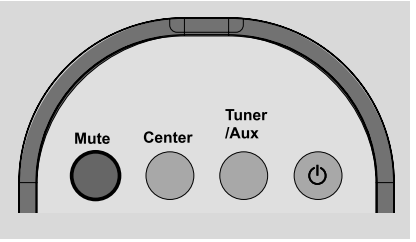
Volume control

1. Check the playback starts.
2. Adjust the volume with **VOL +/-** buttons.
   ➜ Display shows the volume bar, indicating the volume level.

MUTE

During playback, you can temporarily switch off the sound without switching off the set.

1. Press **MUTE** to switch off the sound.
   ➜ The icon appears. Playback continues without sound.
2. To switch on the sound, press **MUTE** again or adjust the volume with **VOL +/-**
   ➜ The icon disappears



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Sound control

Equalizer

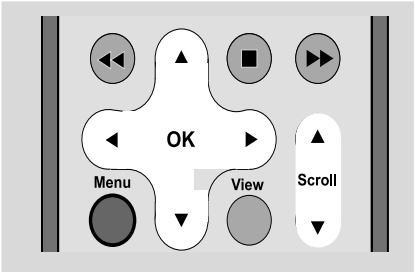
Equalizer enables you to select predefined sound settings.

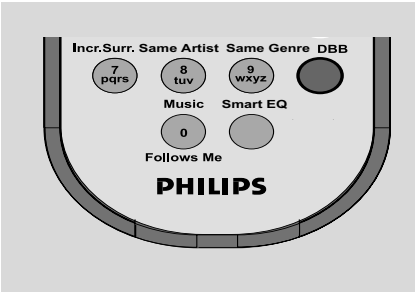
1. Press **MENU** to enter the **MENU** screen
2. Use the navigation controls ▲ or ▼ and ▶ to select **Equalizer**
3. Press ▲ or ▼ and ▶ to select **Rock**, **Pop** (default), **Jazz**, **Neutral**, **Techno**, **Classical** or **Bass/Treble**
4. Press **OK** or ▶ to confirm.

Bass adjustment

- Press **DBB** (**D**ynamic **B**ass **B**oost) once or more to select your option: **DBB OFF** (by default), **DBB 1**, **DBB 2** or **DBB 3**
- To select **Treble/Bass** options:

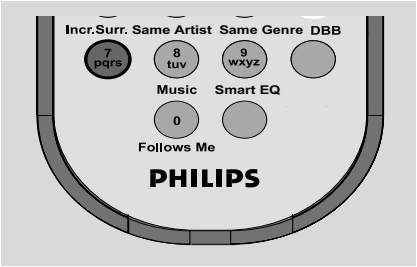
1. Press **MENU** to enter the **MENU** screen
2. Use the navigation controls ▲ or ▼ and ▶ to select **Settings**
3. Press ▲ or ▼ and ▶ to select **Treble/Bass**
4. Press ◀ / ▶ / ▲ / ▼ to select your options: Treble (+3 to -3), Bass (+3 to -3)





Incredible surround

- Press **Incr. Surr.** once or more to turn the surround sound effect on or off.
  ➜ Display shows **IS ON** or **IS OFF**.



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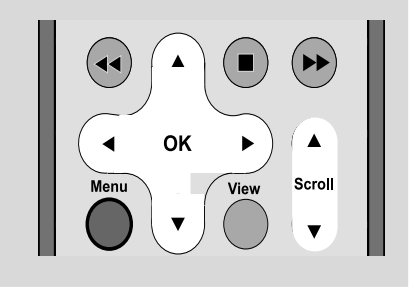
Basic functions

Display adjustment

You can adjust the display's backlight and contrast settings

1. Press **MENU** to enter the **MENU** screen
2. Use the navigation controls ▲ or ▼ and ▶ to select **Settings**
3. Press ▲ or ▼ and ▶ to select **Display**
4. Press ◀ / ▶ / ▲ / ▼ to select your options:



Backlight:

Press ▲ or ▼ and ▶ to select on or off ;

- You can also turn the backlight on or off by pressing **DIM** on the remote control

Contrast:

Press ◀ / ▶ to reduce or enlarge the contrast

Selecting languages

1. Press **MENU** to enter the **MENU** screen
2. Use the navigation controls ▲ or ▼ and ▶ to select **Settings**
3. Use the navigation controls ▲ or ▼ and ▶ to select **Language**
4. Press ▲ or ▼ and ▶ to select:

English, French, Spanish, Dutch, Italian and **German**

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English

Playing Harddisk (HD)

On WAC700 Center is located a hard disk, where music is centrally stored. Via Wi-Fi, all the stored music can be streamed and played on Station.

1. Check the set is switched on or to standby
   - also check the Center is switched on or to standby (See **Basic functions**)
2. Press **SOURCE** once or more to select **HD** (on Center's remote control, press **HARDDISK**; on Station's remote control, press **Center**)
   ➜ ➜ Display shows **HD** and the categories of your music library ***Playlists, Artists, Albums, Genres, All tracks***
   ➜ Demo tracks are stored in ***Playlists***
   ➜ Demo tracks are stored in Playlists

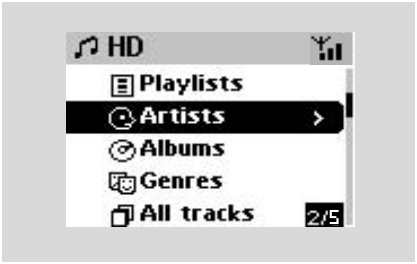
Playlists( ): custom collection of your favorite tracks sorted by the playlists' name in alphanumeric order

Artists ( ): collection of albums sorted by the artists' name in alphanumeric order

Albums ( ): albums sorted by the albums' name in alphanumeric order

Genres ( ): artists' album collection sorted by music style

All tracks ( ): tracks sorted by the tracks' name in alphanumeric order



3. Press the navigation controls ▲ or ▼ and ▶ to select your option
4. Press ▶ (or **OK**) to start playback, if necessary.
   - Press **OK** on a highlighted artist, genre or album to start playback from the beginning of the item (or ▶❚❚ on Center's remote control; the Play key ▶ on Station's remote control)
   ➜ The playback screen shows:
   on the top: your HD option (e.g. Playlist, Artist)
   in the middle: current track name, elapsed playing time and some track information
   at the bottom: equalizer setting and, if DBB is activated, DBB setting

5. To pause playback, press **OK** (or ▶❚❚ on Center's remote control; ❚❚ on the Station's remote control). To resume playback, press the button again (on Station's remote control, press the Play key ▶)
6. To stop playback, press **STOP** ■

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English

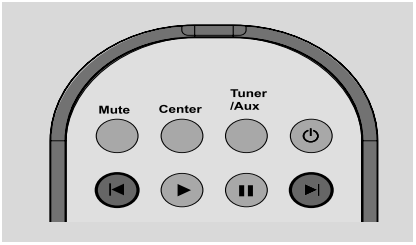
Selecting and searching

Selecting a different album or track

1. If necessary, repeatedly press ◀ to enter previous option lists
2. Repeatedly press the navigation controls ▲ or ▼ and ▶ to select the desired album or track.
3. Press **VIEW** to return to the playback screen, if necessary.

To select a different track in current album during playback

- In the playback screen, briefly and repeatedly press the navigation controls ▲ or ▼ to select previous or next tracks (or ⏮ or ⏭ on Center's remote control; ⏮, ⏭ on Station's remote control)



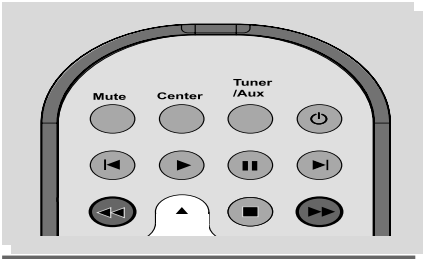
Using the fast skip ▲ or ▼

Use this function to find an option (e.g. an album or a track) in a long option list.

- Press and hold the navigation controls ▲ or ▼ in the long option list.
  ➜ You will skip the options faster and faster
  ➜ At the high speed skip, the initial letter of current options appears for easy identification

Finding a passage within a track during playback

1. In the playback screen, press and hold the navigation controls ▲ or ▼ (or ⏮ or ⏭ on Center's remote control; ◀◀ / ▶▶ on Station's remote control)
   ➜ The HD plays at a high speed.
2. When you recognize the passage you want, release ▲ or ▼ (or ⏮ or ⏭ on Center's remote control; ◀◀ / ▶▶ on Station's remote control)
   ➜ Normal playback resumes.

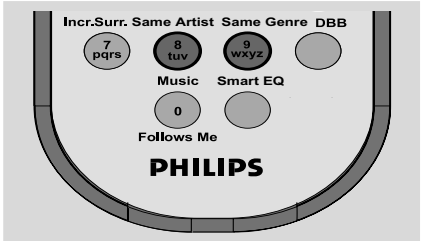


Selecting tracks of a particular artist

- During playback, press **SAME ARTIST**
  ➜ Playback of current artist's tracks continues after current track.

Selecting tracks of a particular genre

- During playback, press **SAME GENRE**
  ➜ Playback of current genre's tracks continues after current track.



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Different play modes: REPEAT, SHUFFLE

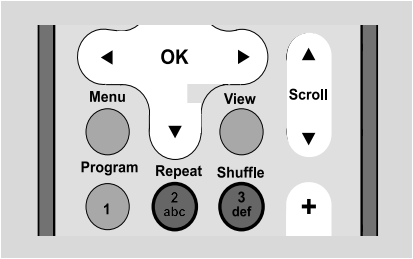
– plays the current track continuously

– repeats all the tracks (under current artist, genre or album)

– repeats all the tracks (under current artist, genre or album) in random order

– tracks (under current artist, genre or album) are played in random order

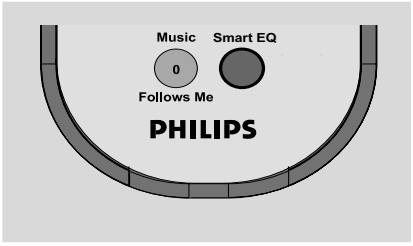
1. During playback, press once or more **REPEAT** or/ and **SHUFFLE** to select play modes.
2. To return to normal playback, press **REPEAT** or **SHUFFLE** repeatedly until the various modes are no longer displayed.



SMART EQUALIZER

This function enables you to playback music of current genre with the match sound settings.

- During playback, press **SMART EQUALIZER**
  ➜ The icon appears if **SMART EQUALIZER** is activated.
- To deactivate **SMART EQUALIZER**, adjust the sound settings (**DBB**, **Treble/Bass** setting, **Incr. Surr.** or **Equalizer**)
  ➜ The icon disappears.



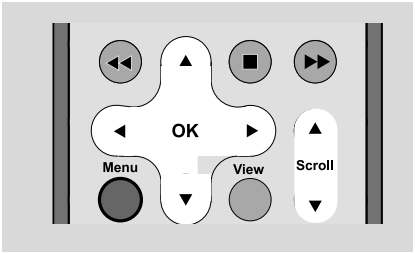
Creating Playlist: custom collection of your favorite music

On Center's hard disk., you can create up to 99 playlists consisting of your favorite tracks in the desired sequence.

1. Check the set is switched on
   - also check the Center is switched on or to standby
2. Press **MENU** to enter the **MENU** screen
3. Use the navigation controls ▲ or ▼ and ▶ to select **Create Playlist**

➜ A new playlist is created. Display shows: **Playlist created. To add tracks, select "Add to Playlist"**

4. Use the navigation controls ◀ / ▶ / ▲ / ▼ to highlight the desired track/album (see **Selecting and searching**)
5. To select **Add to Playlist,**
   a. Press **MENU** to enter the **MENU** screen
   b. In the **MENU** screen, use the navigation controls ▲ or ▼ and ▶ to select
   ➜ A list of playlists appears
6. Use the navigation controls ▲ or ▼ and ▶ to select the desired playlist
   ➜ Display shows: **Track(s) added to playlist**
7. Repeat steps **4, 5** , **6** to select and store all desired tracks in this way.



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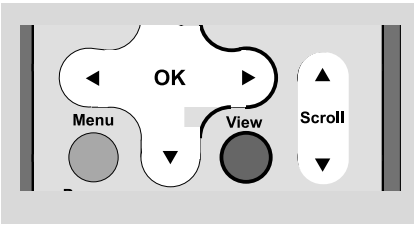
Deleting a playlist, album or track

1. Use the navigation controls ▲ or ▼ and ▶ to enter a category (Playlist, Artists, Albums, Genres, All tracks)
- If necessary, press ▲ or ▼ and ▶ once or more to enter the album/track list
2. Press ▲ or ▼ to highlight a selected playlist, album or track
3. To select **Delete Playlist, Delete Album** or **Delete Track**
   a. Press **MENU** to enter the **MENU** screen
   b. In the **MENU** screen, use the navigation controls ▲ or ▼ and ▶ to select.
4. Press ▲ or ▼ and ▶ to select **Yes**

Display track information

1. During playback, press **VIEW** once or more to enter the playback screen
   ➜ The display shows:

   on the top: HD
   in the middle: current track name, elapsed playing time and some track information
   at the bottom: equalizer setting and, if DBB is activated, DBB setting.
2. Press ▶
   ➜ The display shows track information (e.g. track name, file type, file size, bit rate of mp3/ wma files)
3. Press **VIEW** once or more to return to the playback screen.



Moving in your WiFi network of Center and Stations

Move music In the WiFi network consisting of Center and up to 5 Stations. Even in different places of your house, you and your family will enjoy and share music with ease.

MUSIC FOLLOWS ME

As you move around at home, let music move around you, between **Center** and **Station** or between **Station** and **Station**.

On the first unit (Center or Station), where music will leave:

1. During HD playback, select the album or playlist you wish to play on the second unit (see **Selecting and searching, Selecting a different album or track**)
2. Press **MUSIC FOLLOWS ME** to activate
   ➜ The icon ⇨ appears. Playback continues
- To start playback from the beginning on the second unit, first press ▶❚❚ on the Center's remote control (or ❚❚ on the Station's remote control, and then, press **MUSIC FOLLOWS ME**
3. To deactivate **MUSIC FOLLOWS ME**, press **MUSIC FOLLOWS ME** again or other functional keys (e.g. **SLEEP**, **RDS/NEWS** or ◀ / ▶ / ▲ / ▼)
- **MUSIC FOLLOWS ME** will be automatically deactivated if you do not activate **MUSIC FOLLOWS ME** on the second unit within 5 minute

On the second unit (Center or Station), where music will continue

4. Check you have selected HD, CD or AUX source on the second unit or have switched the unit to standby mode (see **Basic functions, Switch on/to standby and selecting functions**)
5. Press **MUSIC FOLLOWS ME** within 5 minutes after **MUSIC FOLLOWS ME** is activated on the first unit

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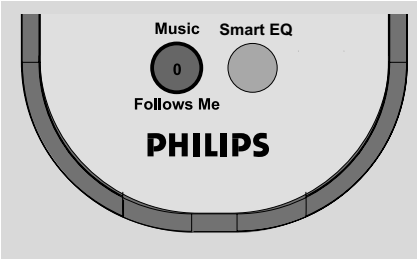
➜ Selected music stops on the first unit and continues on the second unit. The icon ⇨ disappears.
➜ Selected play modes (e.g. ⇄ , ⇄)are retained on the second unit (see **Different play modes: REPEAT, SHUFFLE**)

6 To stop **MUSIC FOLLOWS ME**, press **STOP/ ■** on the second unit.



Helpful hints:
After **MUSIC FOLLOWS ME** is activated on the second unit, on the first unit:
– make sure the first unit is switched on or to standby mode
– you can select other tracks or source for playback

MUSIC BROADCAST

MUSIC BROADCAST allows you to broadcast music from **Center** to **Station (s)**.

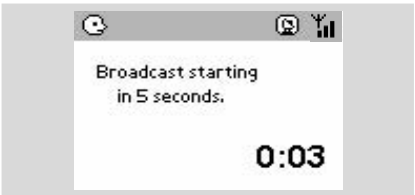
On Station(s)

1 Check you have selected HD/AUX source on the Station(s) or have switched the Station(s) to standby mode (see **Basic functions, Switch on/to standby and selecting functions)**

On Center

2 During HD playback, select the album or playlist you wish to broadcast to Station(s)

3 Press **MUSIC BROADCAST** to activate
➜ The icon ⇨ appears on Center and Station(s). 5-second countdown starts.



➜ **On Center and Station (s)**: Selected music plays simultaneously several seconds after the 5-second countdown.

4 For a station to exit **MUSIC BROADCAST**, press **STOP/ ■** on the Station

- To broadcast music to the station again, you have to stop **MUSIC BROADCAST** on Center and then, activate **MUSIC BROADCAST** again on Center.

5 To stop **MUSIC BROADCAST**, press **STOP/ ■** on the Center.

Helpful hints: **MUSIC BROADCAST** will also stop when:
– you switched Center to Standby or Eco power;
– the selected album or playlist has reached the end.

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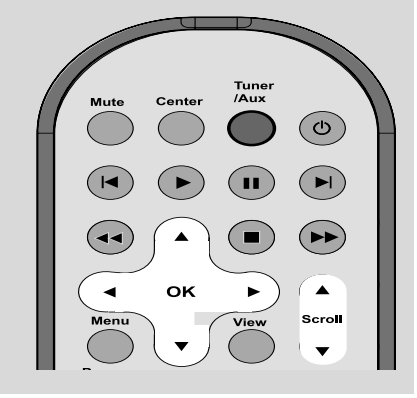
FM radio

Tuning to radio stations

1. Check the set is switched on or to standby (See **Basic functions, Switching on/to standby and selecting functions, Switching to Eco power/ on**)
2. Press **SOURCE** once or more to select **Radio** (on the remote control, press **TUNER/AUX** once or more)
   ➜ Playback screen appears. Display shows: **Radio**, radio station frequency and If programmed, a preset number.

3. Press and hold ▲ or ▼ until the frequency in the display starts running.
   ➜ The radio automatically tunes to a station of sufficient reception. Display shows **searching** during automatic tuning
   ➜ If a station is received in stereo, is shown.
   ➜ When you are receiving an RDS station, is shown.
4. Repeat step **3** if necessary until you find the desired radio station.

- To tune to a weak station, press ▲ or ▼ briefly and repeatedly until optimal reception is found.



Storing preset radio stations

You can store up to 40 preset radio stations in the memory.

Autostore: automatic programming

Autostore automatically starts programming radio stations from preset 1. Available stations are programmed in the order of radio frequencies: RDS stations followed by FM stations. Maximum 10 RDS stations will be stored (from Preset 1 to Preset 10).

- To select **Autostore radio**,
  a. Press **MENU**.
  b. Use the navigation controls ▲ or ▼ and ▶ to select
  ➜ Display shows: **Autostore Please wait...**
  ➜ After all stations are stored, the first autostore preset station will then automatically play.

Manual programming

1. Tune to your desired radio station (see **Tuning to radio stations**)
2. On the remote control, press **Program** to store the station.
   ➜ The station is stored in the 1st vacant preset position. Display shows its preset number.
3. Repeat steps 1-2 to store other stations.

Helpful hints:

– If you store more than 40 stations, the new station will replace the 1st preset station.

To listen to a preset station

1. Press ◀ to enter the list of presets

2. Use the navigation controls ▲ or ▼ and ▶ to select the desired station

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RDS

RDS (**R**adio **D**ata **S**ystem) is a service that allows FM stations to send additional information along with FM radio signal.

1. Tune to the desired RDS radio station (see **Autostore: automatic programming**)
2. Press **RDS/NEWS** repeatedly to view the following information (if available):
   – Station name
   – program type (for example: News, Pop Music)
   – RDS radio text

NEWS

While listening to HD or AUX source, you can activate NEWS. The set will tune to the news station if the related signals are received from a RDS station.

Activating NEWS

- During playback in **HD** or **AUX** source, press **RDS/NEWS** on the remote control
  ➜ The icon appears and NEWS ON is displayed briefly.
  ➜ Playback continues when the set scans the first 10 preset stations
  ➜ When news transmission is detected, the set will switch to the news station. The icon starts flashing.

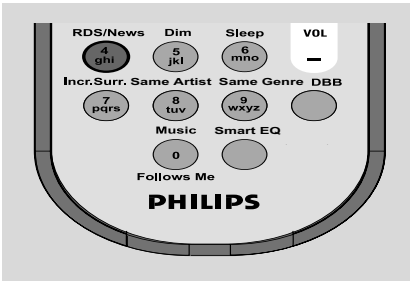
Helpful hints:
*– Make sure you have stored RDS stations in the first 10 preset locations (see **Autostore: automatic programming**)*
*– If no news transmission is detected during the set's scanning, the icon disappears and **NO RDS NEWS** is displayed.*

Deactivating NEWS

- Press **RDS/NEWS** again on the remote control.

or

- Switch the set to **Radio** source
  ➜ The icon disapears and **NEWS OFF** is displayed briefly.



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AUX/ SLEEP

AUX (Listening to an external source)

You can listen to the sound of the connected external device through your Station

1. Check the external device has been properly connected (See **Installation, Connecting an additional appliance**)
2. Check the set is switched on or to standby (See **Basic functions, Switching on/to standby and selecting functions, Switching to Eco power/ on**)
3. Press **SOURCE** once or more to select **AUX** (on the remote control, press **TUNER/AUX** once or more)
4. To avoid noise distortion, turn down the volume on your external device.
5. Press the **PLAY** key on the connected device to start playback
6. To adjust the sound and volume, use the sound controls on your external device and the WAS700

SLEEP

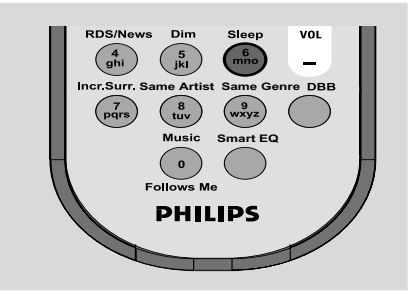
You can set a certain period of time after which the Station will switch to standby.

1. On the remote control, press **SLEEP** repeatedly to select the desired time period options (in minutes):
   ➜ Display shows in sequence: **Sleep 15, 30, 45, 60, 90, 120, Off**
   ➜ Display shows the selected option briefly and returns to its previous status. The icon **Z^Z** appears
2. To view the time countdown to the standby mode, press **SLEEP** again

To deactivate the sleep timer, press **SLEEP** until **Sleep Off** is displayed

or

Press **STANDBY-ON**/ **ECO POWER** to switch the set to standby (or ⏻ on the remote control)



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Reset

If desired, you can restore your Center or Stations to their default setting (including the network setting).

1. Check the set is switched on (See **Basic functions, Switching on/to standby and selecting functions, Switching to Eco power/ on**)
2. Press **MENU** to enter the **MENU** screen
3. Use the navigation controls ▲ or ▼ and ▶ to enter **Settings**
4. Use the navigation controls ▲ or ▼ and ▶ to enter **Restore settings**
5. Press ▲ or ▼ and ▶ to select **Yes**
   ➜ The set is rebooted. Language selection screen appears.
6. Select your desired language: ***English, French, Spanish, Dutch, Italian and German***
   ➜ The set enters Installation Mode.
   ➜ The search for Center or Stations starts. The Wi-Fi connection is being re-established.

If the Center is reset and Stations are not reset:

- On the Stations, select **AUX** mode and enter **Installation Mode** by:
  a. Press **MENU**.
  b. Use the navigation controls ▲ or ▼ and ▶ to select **Installation Mode**
  ➜ The Stations start to connect Center

If a Station is reset and the Center is not:

- On the Center, select **HD** mode and then, enter **Installation Mode** by:
  a. Press **MENU**.
  b. Use the navigation controls ▲ or ▼ and ▶ to enter **Station Mgnt** menu
  c. In **Station Mgnt** menu, use the navigation controls ▲ or ▼ and ▶ to select **Add New Station**
  ➜ Searching for Stations starts.

If both Center and Stations are reset:

- Do as you did in the first-time Wi-Fi connection (see **Installation, Set up Wi-Fi connection between Center and Station**)

7. On Center, press **STOP** ■ to exit **Installation Mode** when all the Stations are found.

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Specifications

General

AC Power
WAS700 ..... 220V ±10%

Power consumption

Active
WAS700 ..... < 25W
Standby
WAS700 ..... < 14W
Eco Power Standby
WAS700 ..... < 1W
Dimensions (w x h x d)
WAS700 ..... 360 x 283 x 128mm
Weight
WAS700 ..... 4.2 kg

Amplifier

Output power
WAS700 ..... 2 x 5W + 1 x 10W
Frequency response ..... 50-1,6000Hz, - 3dB
S/N ratio ..... ≥ 72 dBA (IEC)
Input sensitivity
AUX IN 500mV/1V
Output
Impedance speakers
(WAS700) ..... ≥6 Ω (Panel) ≥12 Ω (Subwoofer)
Impedance headphones ..... 32Ω -150Ω

Wireless

Wireless standard .....
..... 802.11g, backwards compatible to 802.11b
Wireless security .....
..... WEP (64 or 128bit), WPA-PSK
Frequency range 2412-2462 MHz (CH1-CH11)

Tuner

Wave range
FM ..... 87.5-108 MHz
Number of presets 40x
FM Antenna/cable .....
..... COAX / T-antenna (75Ω IEC-connector)

Specifications and external appearance are subject to change without notice.

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WARNING

Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.

If a fault occurs, first check the points listed below before taking the system for repair. If you are unable to remedy a problem by following these hints, consult your dealer or Philips for help.

Problem	Solution
Wi-Fi connection:	
During the first-time setup, Station's display shows "Searching for Center".	✔ Check you have connected the Center to power supply ✔ Check your center is in **Installation mode** (See **Installation**, **Setting up Wi-Fi connection between Center and Station**) ✔ Turn off the wireless router nearby if there is difficulty in connecting your Center and Station.
I get interference on my wireless (WiFi) link between center and station. The WA**CS** 700 operate in the 2.4GHz radio frequency spectrum. Many other household/IT devices also operate in the frequency spectrum, for example: microwave ovens, Dect phones, bluetooth devices like bluetooth headphones, computer mouse, wireless routers, cordless phones, WiFi compatible printers, PDAs. These devices can interfere with the WiFi link between Center and Station, resulting in such interference as the pause during playback , the set's slow response to your operation. The severity of interference varies depending on the extent of radiation from the device and the strength of Wi-Fi signals in the position.	If you are playing the set, stop playback and take the appropriate measures as follows: ✔ Keep the Center or Station at least 3 meters away from such devices. ✔ Use the WEP key when connecting your Center and Station to an existing wireless PC network. See the manual **Connect to your PC.** ✔ Change the operating channel of your Center and Station when connecting them to an existing wireless PC network. To learn about how to change channels, see the manual **Connect to your PC** ✔ If possible, change the operating channels of the other Wi-Fi devices at your home. ✔ Turn the devices in different directions to minimize interference.
Remote control:	
When I am using the Center's 2-way remote control, it starts to show "connecting ....connecting" on the display endlessly. When you read this message on the 2-way remote control, there could be the following interference on your remote control: Interference signals from the Plasma TV screen (if this device is turned on).	✔ Check your plasma TV is turned off

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Troubleshooting

x flashes on the sychro display of Center's remote control

- ✔ Signal error. Check you have pointed the remote control toward the IR area of the set you wish to operate

After the set is switched on, nothing appears on the sychro display of Center's remote control

- ✔ You switched on the set by using the control on the set instead of center's remote control. Press **REFRESH** on center's remote control to synchronize its display.

The remote control does not function properly.

- ✔ Remove the protective plastic tab before using the Station's remote control.
- ✔ Reduce the distance between the remote control and the set.
- ✔ Insert the batteries with their polarities (+/– signs) aligned as indicated.
- ✔ Replace the batteries.
- ✔ Point the remote control directly towards the IR sensor.

Tuner

Radio reception is poor

- ✔ If the signal is too weak, adjust the antenna or connect an external antenna for better reception.
- ✔ Increase the distance between the set and your TV or VCR.

There will be very interference on the radio reception whenever my center or station is near the PC.

Such interferece happens to most of the built-in tuner product.

- ✔ Install the supplied FM wire antenna for better reception.
- ✔ Keep your Center or Station at least 1 meter away from PC.

Wall mounting

How do I mount the Center or Station onto walls?

- ✔ Use the by-packed wall mounting kits. It is recommended you get a qualified person to fix the mounting brackets safely onto your walls before you mount the Center or Station. For details, refer to the **Appendix : How to mount your Station onto Walls**

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How to mount your Station onto walls

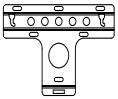
IMPORTANT!

– The wall mounting instructions are for the use of the qualified wall mounting person only!

– Ask a qualified person to help you with the wall mounting, which includes drilling holes on the wall, fixing the mounting brackets to the wall, and mounting the sets onto the brackets.

What's in the supplied mounting kits

For Station:



1 x mounting bracket

2 x screws (for Station mounting)

What else you'll need

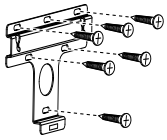
– 6 x screws for fixing the Station's bracket
– Drilling tools (e.g. electric drill)

Preparation

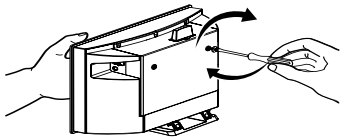
- To find a suitable location for mounting, try your necessary rear connections and the Wi-Fi connection between Center and Station (see the chapter **Installation**).
- Ask a qualified person to help you with the wall mounting, who should:
  – to avoid unexpected damage, learn about the piping, wiring and other relevant information inside your walls;
  – according to your walls' materials, decide what type of screws you need to fix the mounting brackets and hold the weight of a Station;
  – according to the drilling requirements, choose suitable drilling tools;
  – take other precautions necessary for the wall mounting work.

Mounting your Station

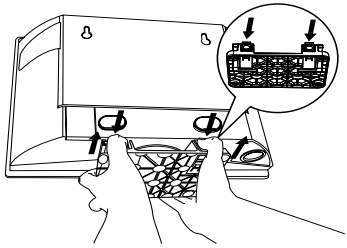
1. Align the bracket in the chosen location on a wall. Use a pencil to mark the drilling positions.



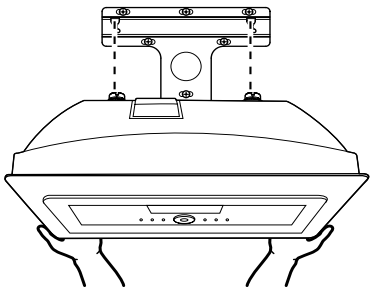
2. Drill holes as marked.
3. Fix the brackets to the wall using suitable screws (not supplied).
4. As shown, fasten the supplied screws to your Center or Station using a screwdriver



5. To detach the stand from Station,
   a. As shown, hold down the **Lock•unlock** buttons.
   b. Move out the stand to detach.



6. As shown, hook and mount Station in place.



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